



# US 68 Corridor Project

## Spot Improvement Concepts #1 - #4

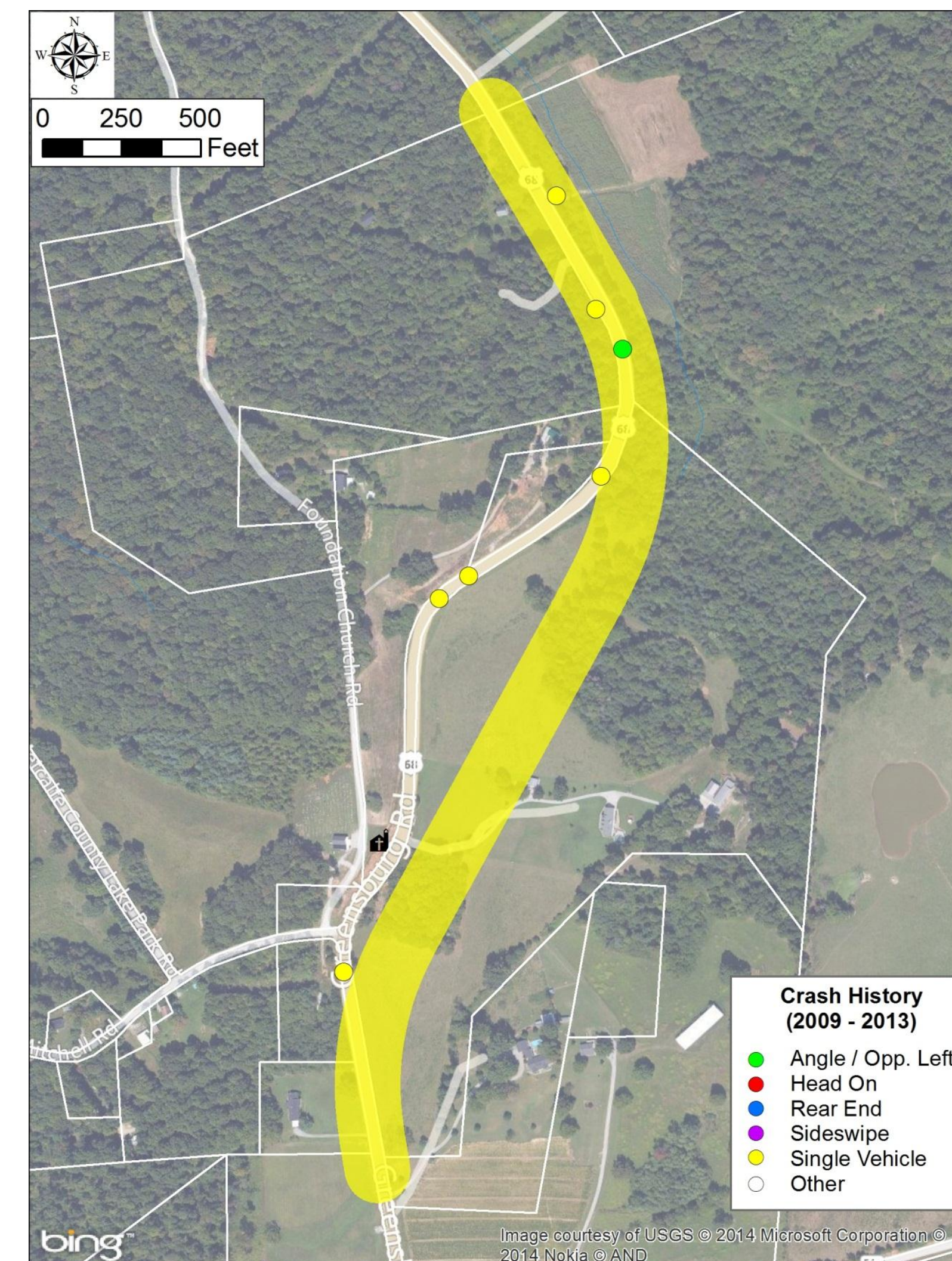


### Spot #1

#### Curves North of Foundation Church

This concept realigns US 68 to the east through the curves near Foundation Church.

- Length: 0.7 miles
- 7 crashes in last 5 years
- Estimated Costs:
  - Right-of-Way: \$450,000
  - Utilities: \$425,000
  - Construction: \$3.7 Million
  - Total: \$4.58 Million



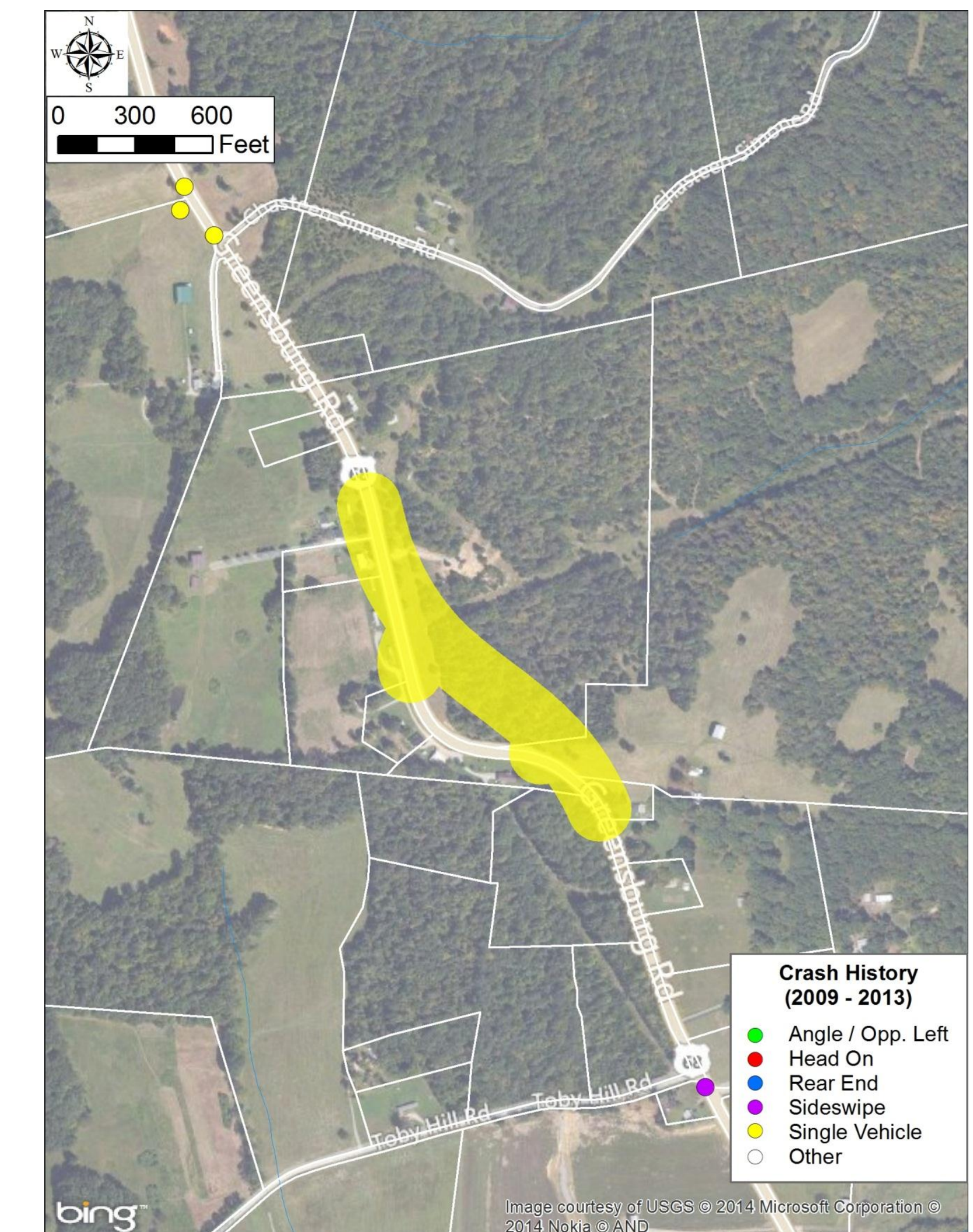
Rate this concept here:

### Spot #2

#### Curves North of Toby Hill Road

This concept eliminates the 35 MPH “S”-curves on US 68 and provides better grades.

- Length: 0.4 miles
- 0 crashes in last 5 years
- Estimated Costs:
  - Right-of-Way: \$300,000
  - Utilities: \$250,000
  - Construction: \$2.3 Million
  - Total: \$2.85 Million



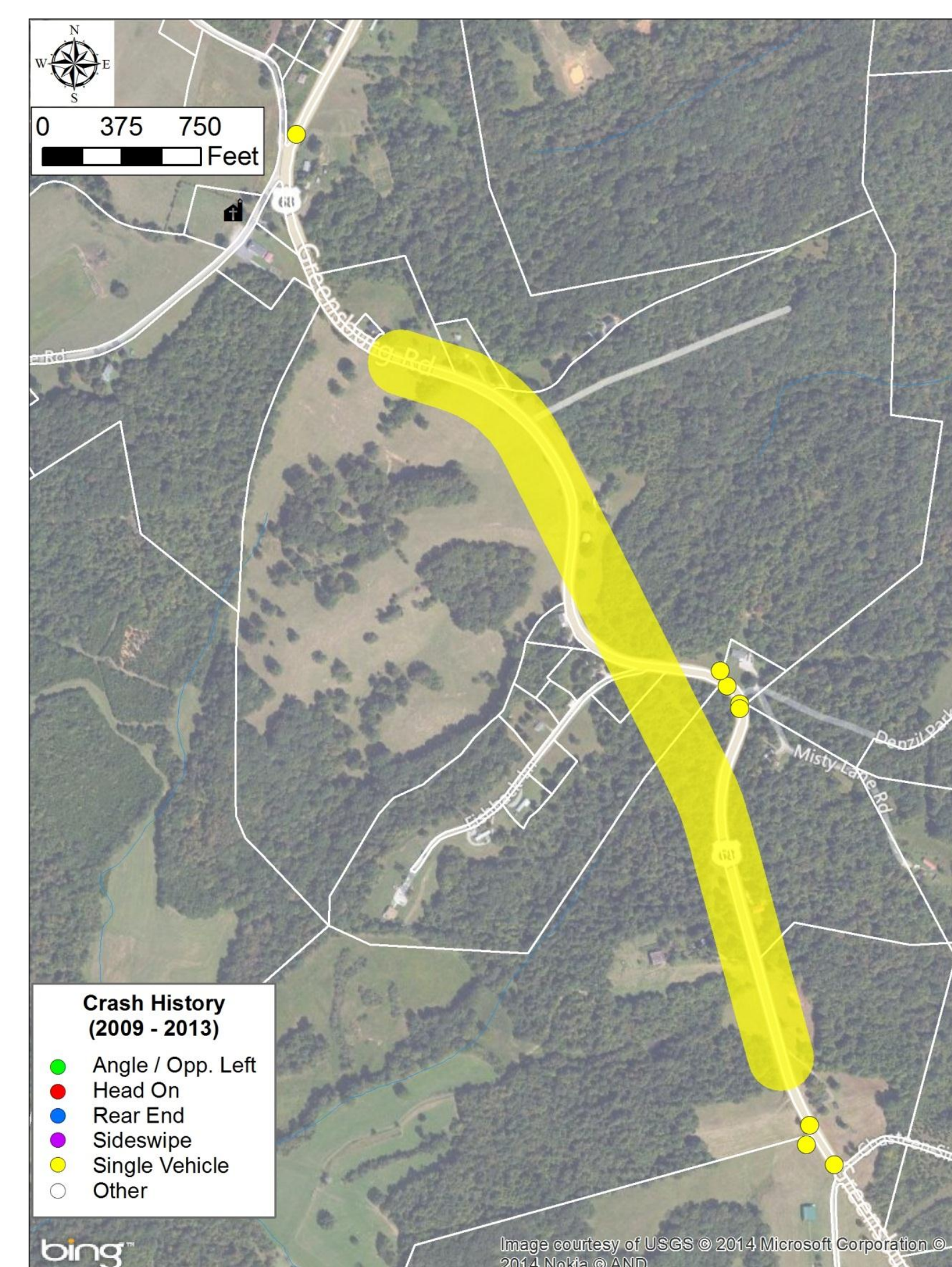
Rate this concept here:

### Spot #3

#### Curves near Denzil Park Road and Fishback Lane

This concept eliminates the 30 MPH “S”-curves on US 68.

- Length: 0.7 miles
- 4 crashes in last 5 years
- Estimated Costs:
  - Right-of-Way: \$450,000
  - Utilities: \$420,000
  - Construction: \$3.1 Million
  - Total: \$3.97 Million



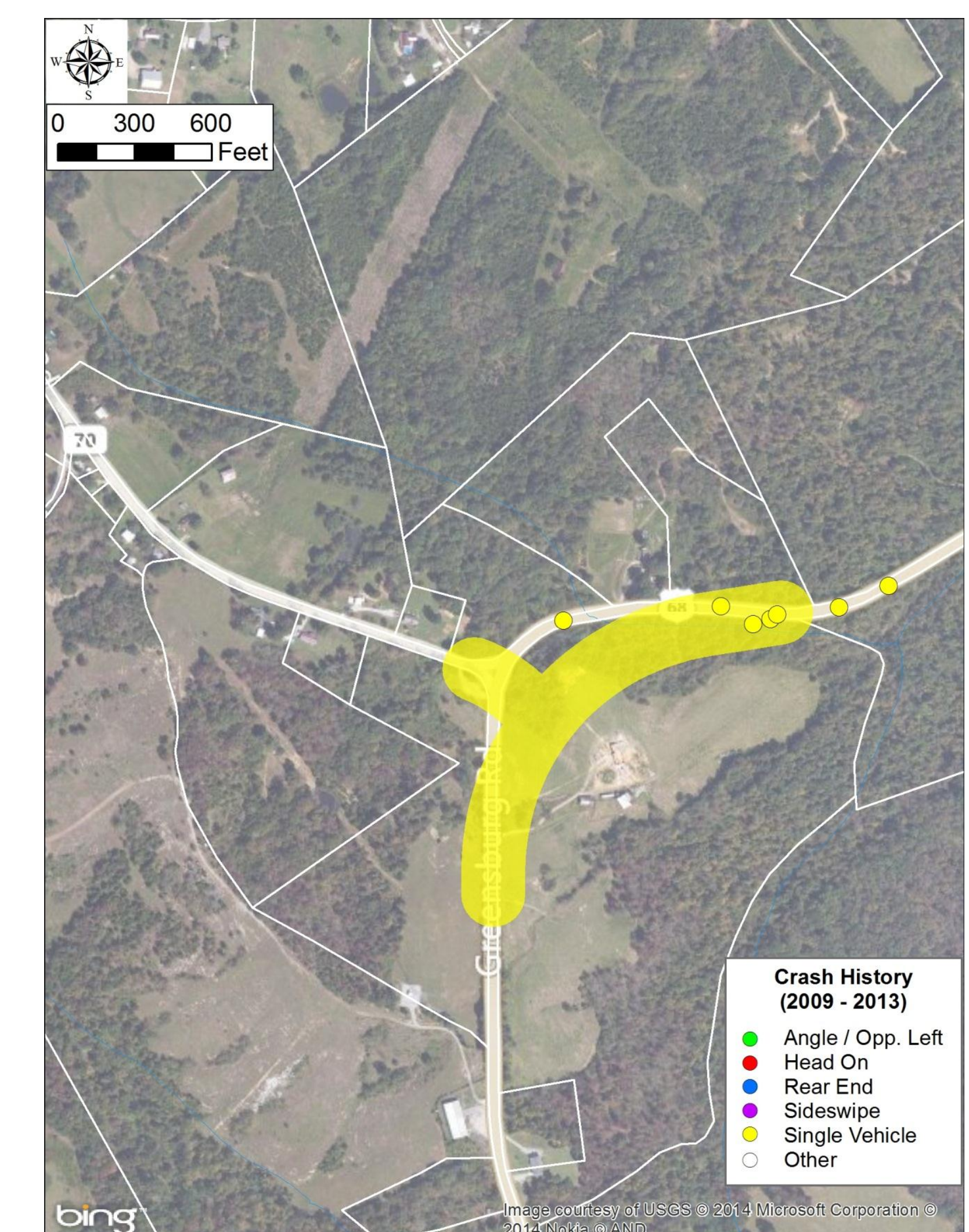
Rate this concept here:

### Spot #4

#### KY 70 Intersection

This concept realigns US 68 to the east to provide an improved intersection with KY 70.

- Length: 0.5 miles
- 7 crashes in last 5 years
- Estimated Costs:
  - Right-of-Way: \$375,000
  - Utilities: \$300,000
  - Construction: \$2.6 Million
  - Total: \$3.28 Million



Rate this concept here:





# US 68 Corridor Project

## Spot Improvement Concepts #5 - #8

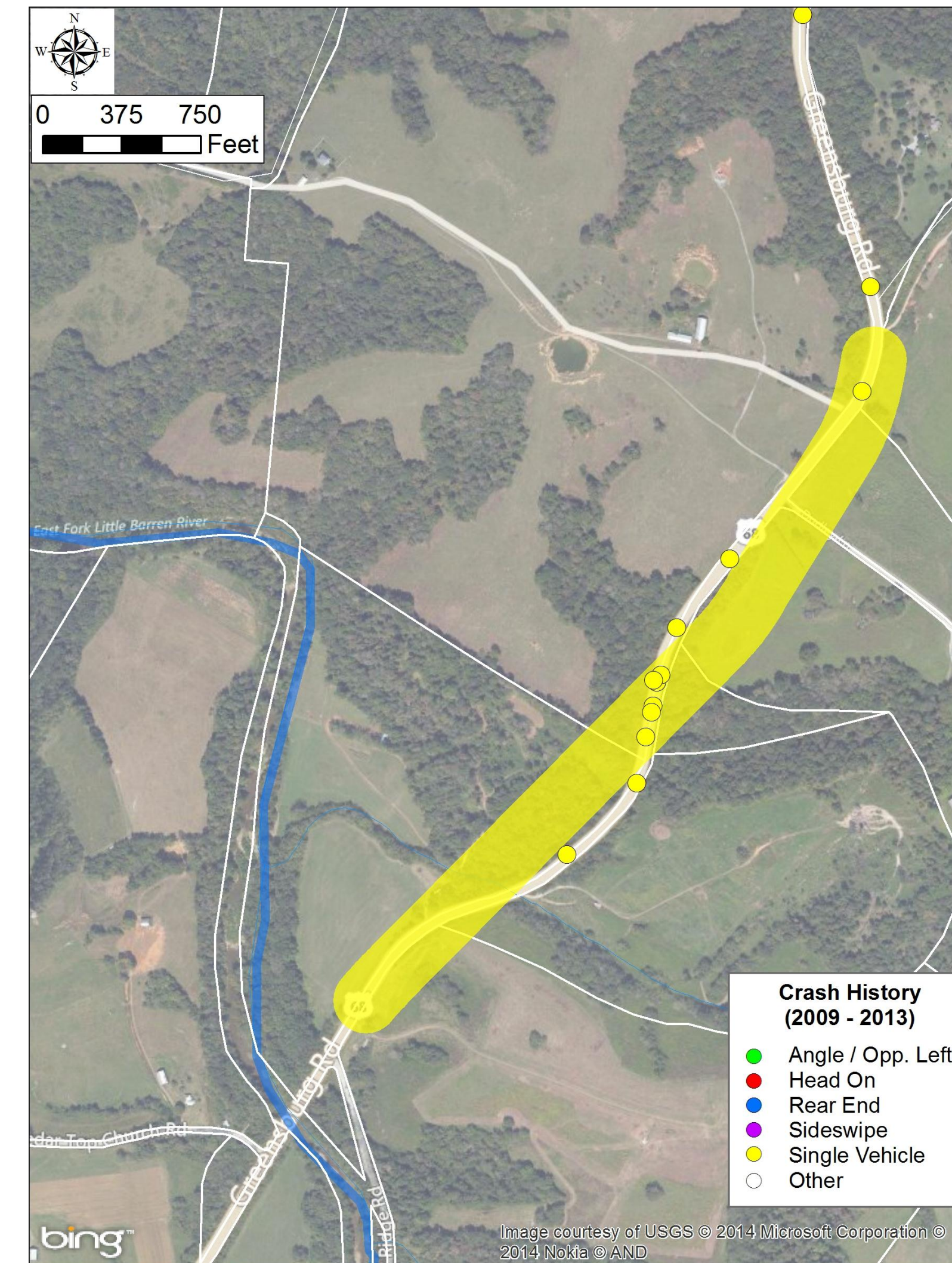


### Spot #5

#### North of KY 70 to South of the Green County Line

This concept improves the curves and improves the grade while adding a truck climbing lane.

- Length: 0.9 miles
- 11 crashes in last 5 years
- Estimated Costs:
  - Right-of-Way: \$475,000
  - Utilities: \$450,000
  - Construction: \$6.2 Million
  - Total: \$7.13 Million



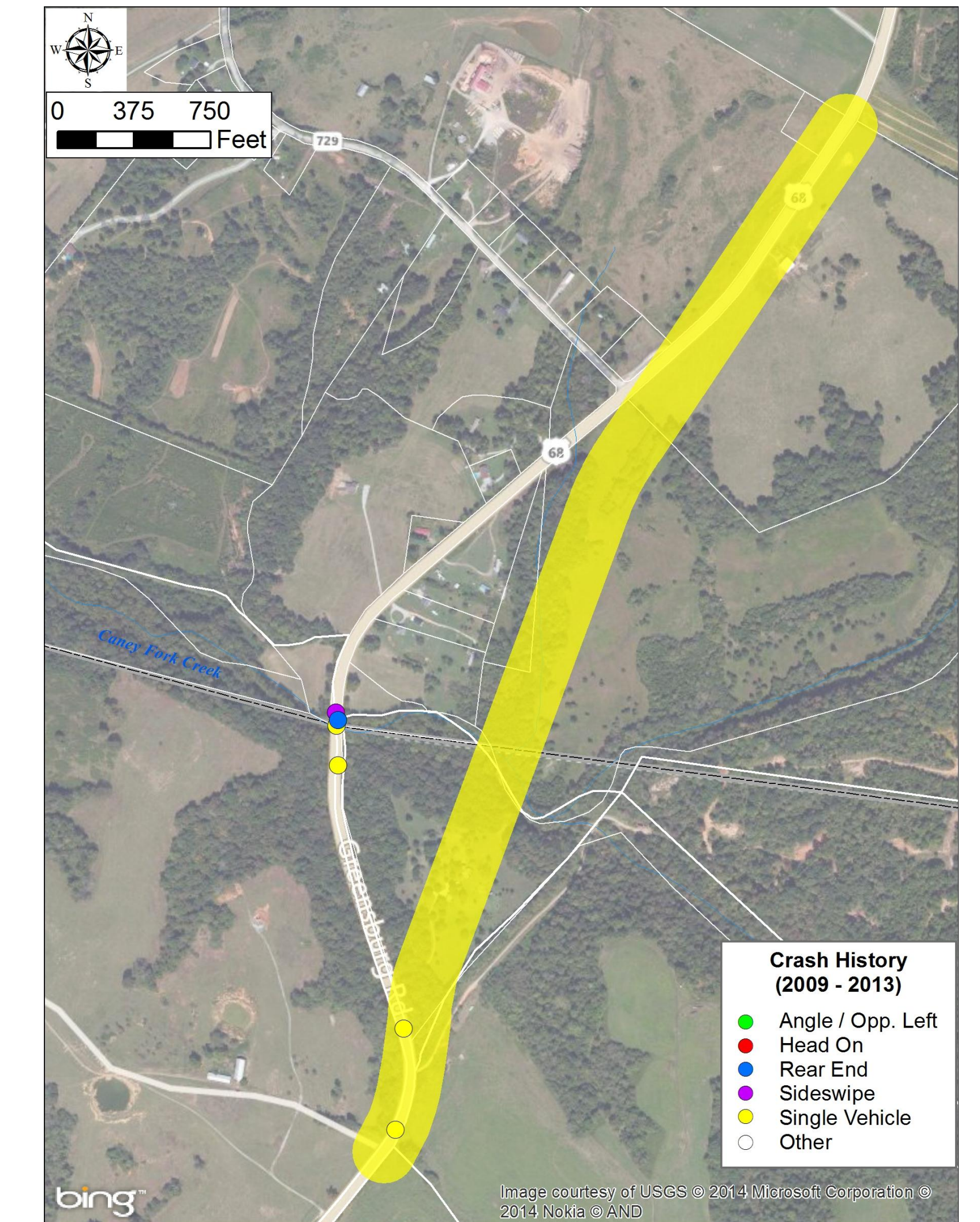
Rate this concept here:

### Spot #6

#### Bridge over Caney Fork

This concept replaces the existing sub-standard bridge and realigns US 68 to the east.

- Length: 0.9 miles
- 6 crashes in last 5 years
- Estimated Costs:
  - Right-of-Way: \$550,000
  - Utilities: \$450,000
  - Construction: \$8.7 Million
  - Total: \$9.7 Million



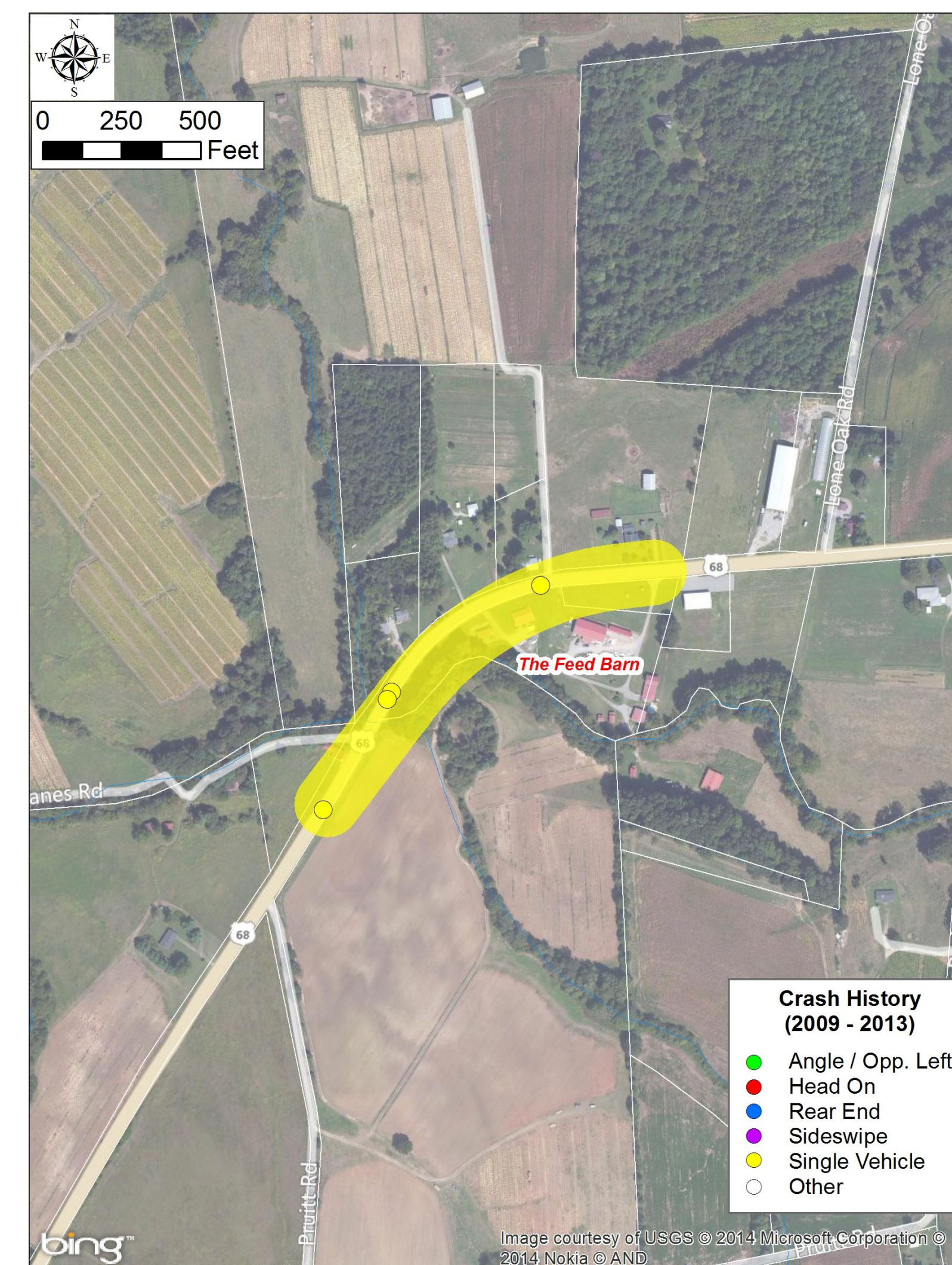
Rate this concept here:

### Spot #7

#### Curve at Pruitt Road

This concept improves sight distance by increasing the curve radius north of Pruitt Road.

- Length: 0.4 miles
- 4 crashes in last 5 years
- Estimated Costs:
  - Right-of-Way: \$350,000
  - Utilities: \$255,000
  - Construction: \$2.1 Million
  - Total: \$2.71 Million



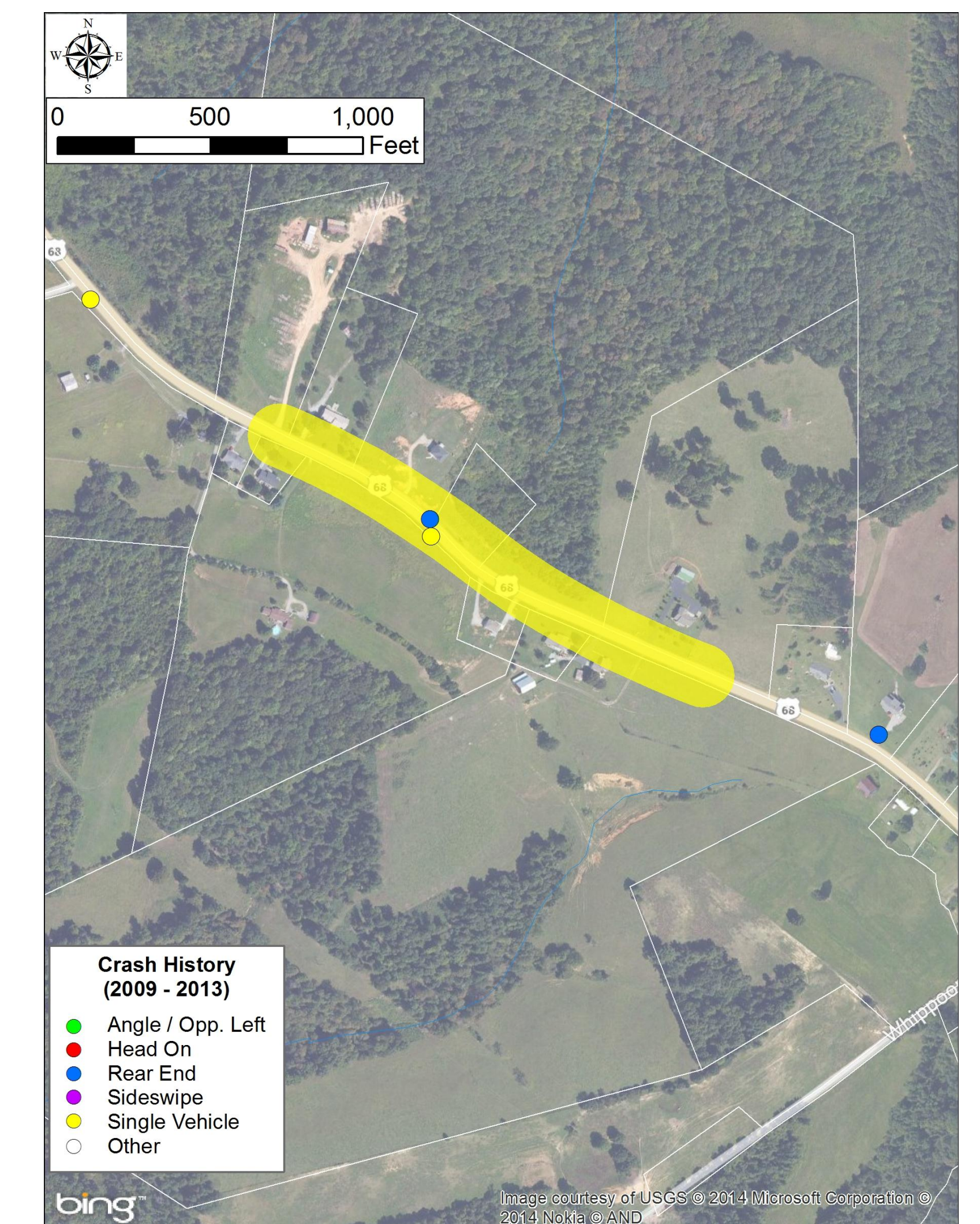
Rate this concept here:

### Spot #8

#### Curves North of Whippoorwill Lane

This concept will improve the two short curves north of Whippoorwill Lane.

- Length: 0.3 miles
- 2 crashes in last 5 years
- Estimated Costs:
  - Right-of-Way: \$100,000
  - Utilities: \$155,000
  - Construction: \$950,000
  - Total: \$1.2 Million



Rate this concept here:





# US 68 Corridor Project

## Spot Improvement Concepts #9 - #12

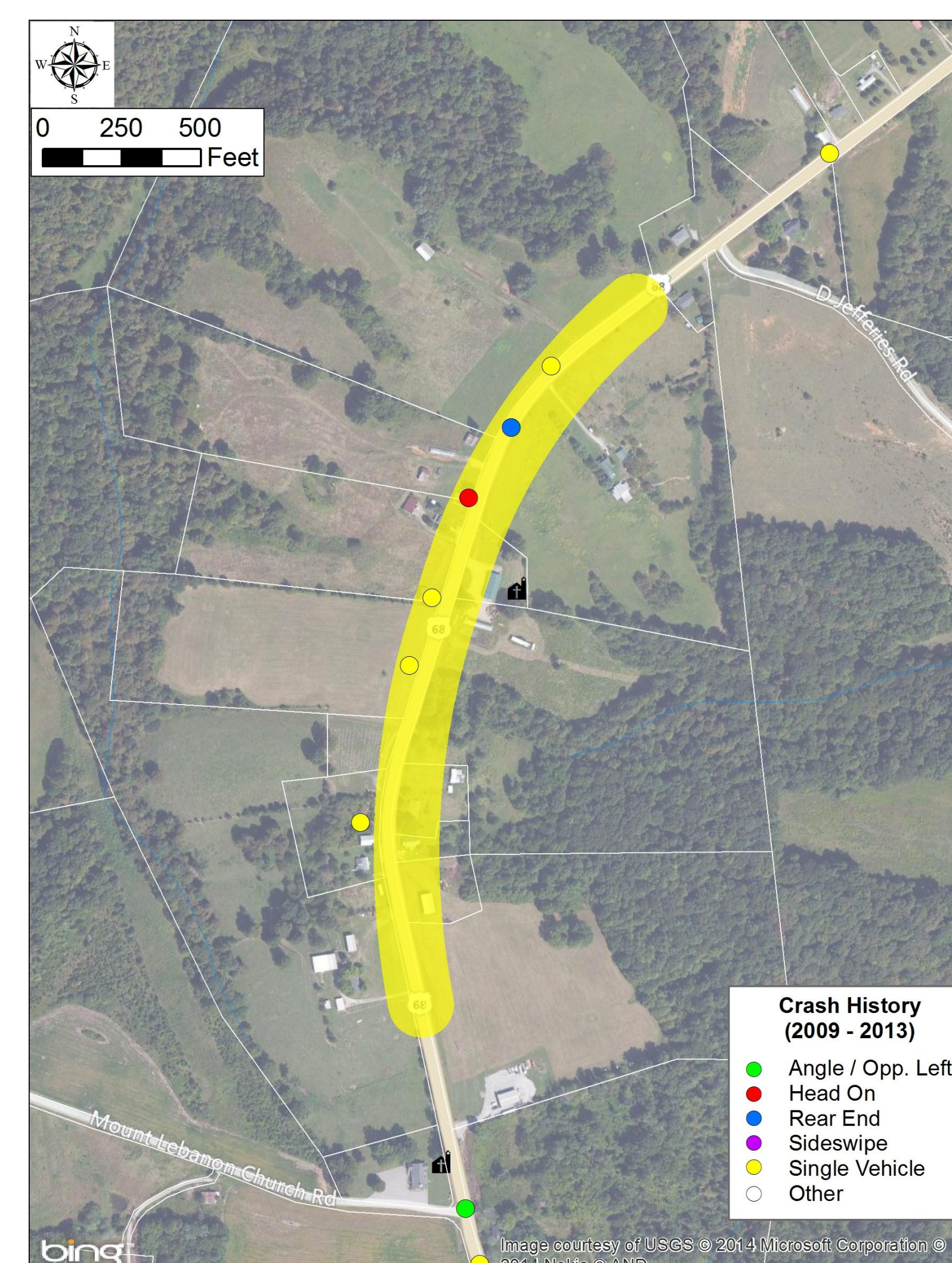


### Spot #9

#### Curves North of Mt. Lebanon Church

This concept will improve the two curves north of Mt. Lebanon Church.

- Length: 0.6 miles
- 6 crashes in last 5 years
- Estimated Costs:
  - Right-of-Way: \$550,000
  - Utilities: \$385,000
  - Construction: \$2.2 Million
  - Total: \$3.14 Million



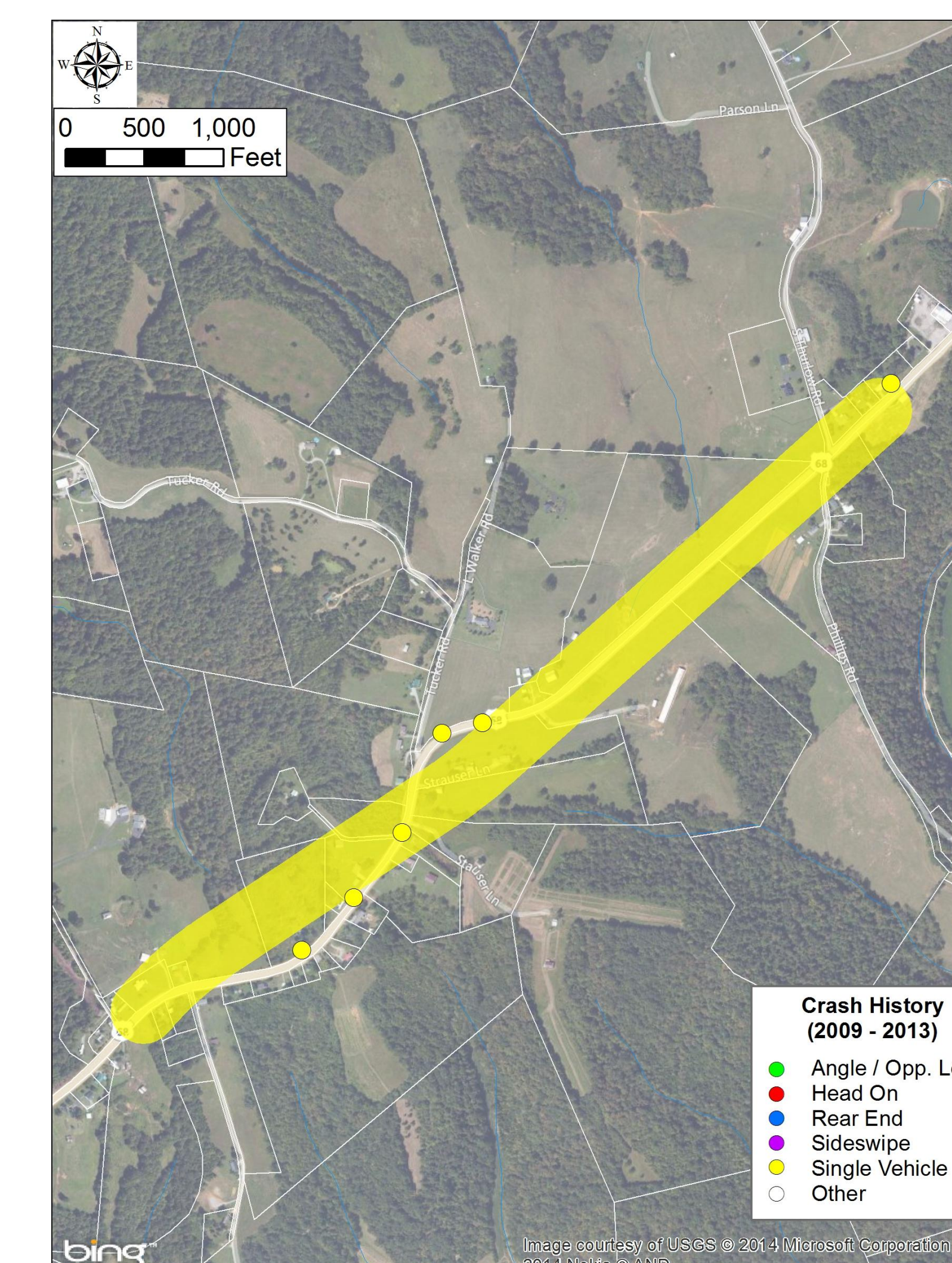
Rate this concept here:

### Spot #10

#### Area South of Russell Creek Hill

This concept realigns US 68 south of Russell Creek Hill to eliminate some curves and reduce the number of short hills.

- Length: 0.8 miles
- 6 crashes in last 5 years
  - Estimated Costs:
    - Right-of-Way: \$800,000
    - Utilities: \$515,000
    - Construction: \$4.1 Million
    - Total: \$5.42 Million



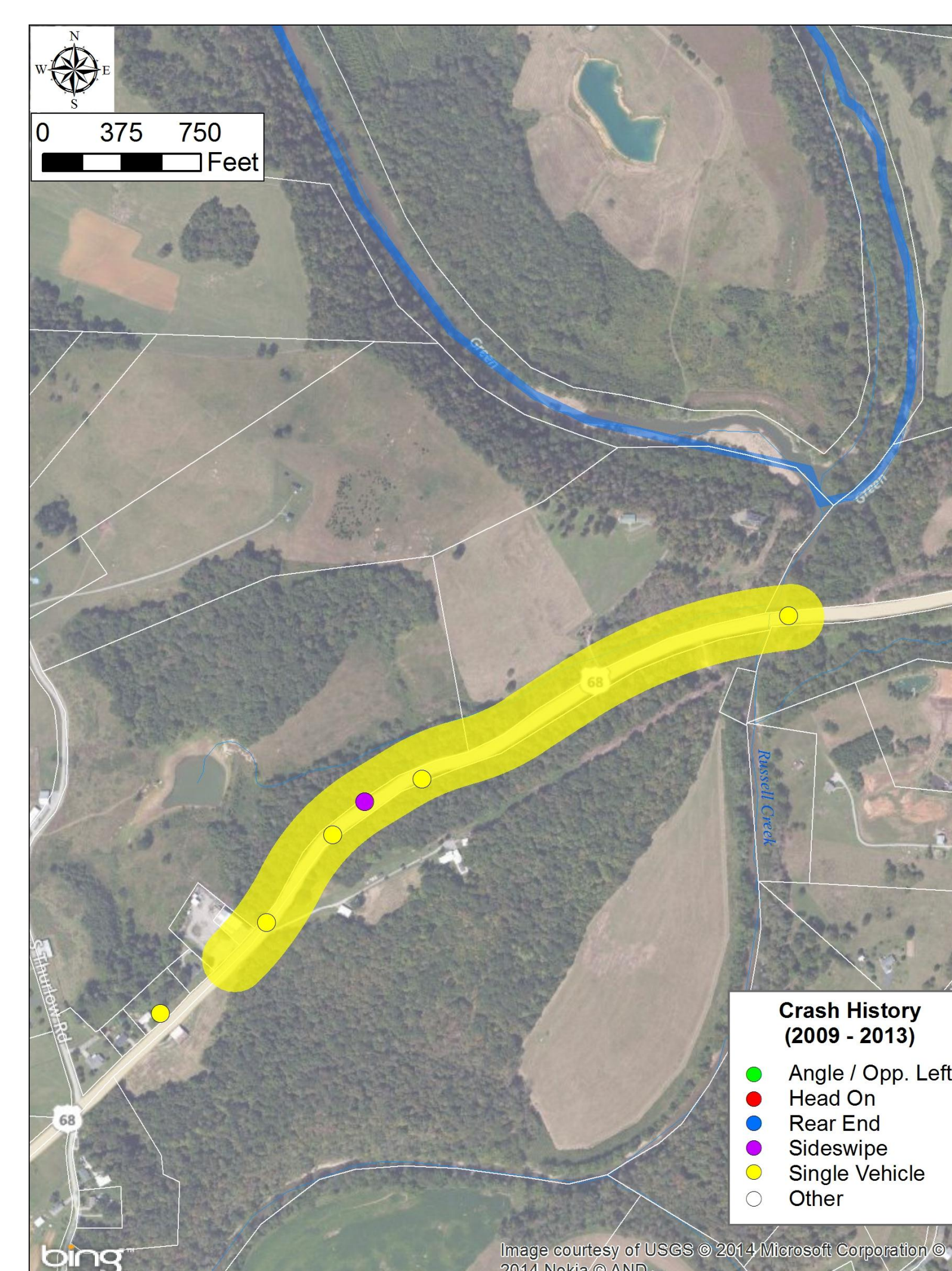
Rate this concept here:

### Spot #11

#### Russell Creek Hill

This concept includes a minor widening of US 68, providing paved shoulders and a truck climbing lane.

- Length: 0.5 miles
- 5 crashes in last 5 years
- Estimated Costs:
  - Right-of-Way: \$365,000
  - Utilities: \$340,000
  - Construction: \$1.7 Million
  - Total: \$2.4 Million



Rate this concept here:

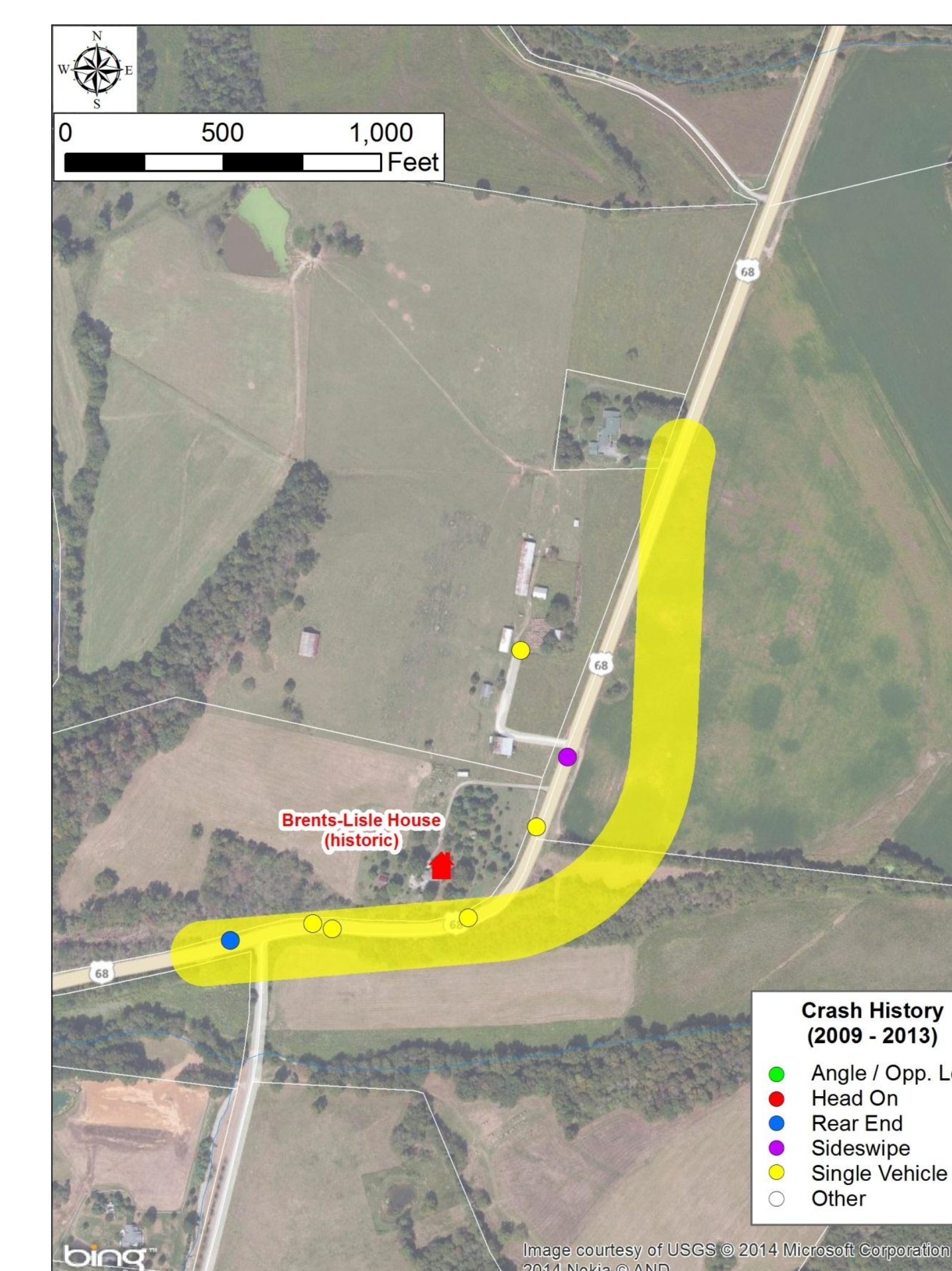
### Spot #12 / #12A

#### Vaughn Curve

Concept #12 realigns US 68 to the east to provide a curve that meets 45 MPH design standards.

Concept #12A provides wider lanes and shoulders on the existing alignment.

- Length: 0.5 miles
- 3 crashes in last 5 years
- Estimated Costs (#12 / #12A):
  - Right-of-Way: \$335,000 / \$333,000
  - Utilities: \$365,000 / \$365,000
  - Construction: \$2.8 Million / \$1.7 Million
  - Total: \$3.5 Million / \$2.4 Million



Rate this concept here:





# US 68 Corridor Project

## Spot Improvement Concepts #13 and Combined 5 & 6

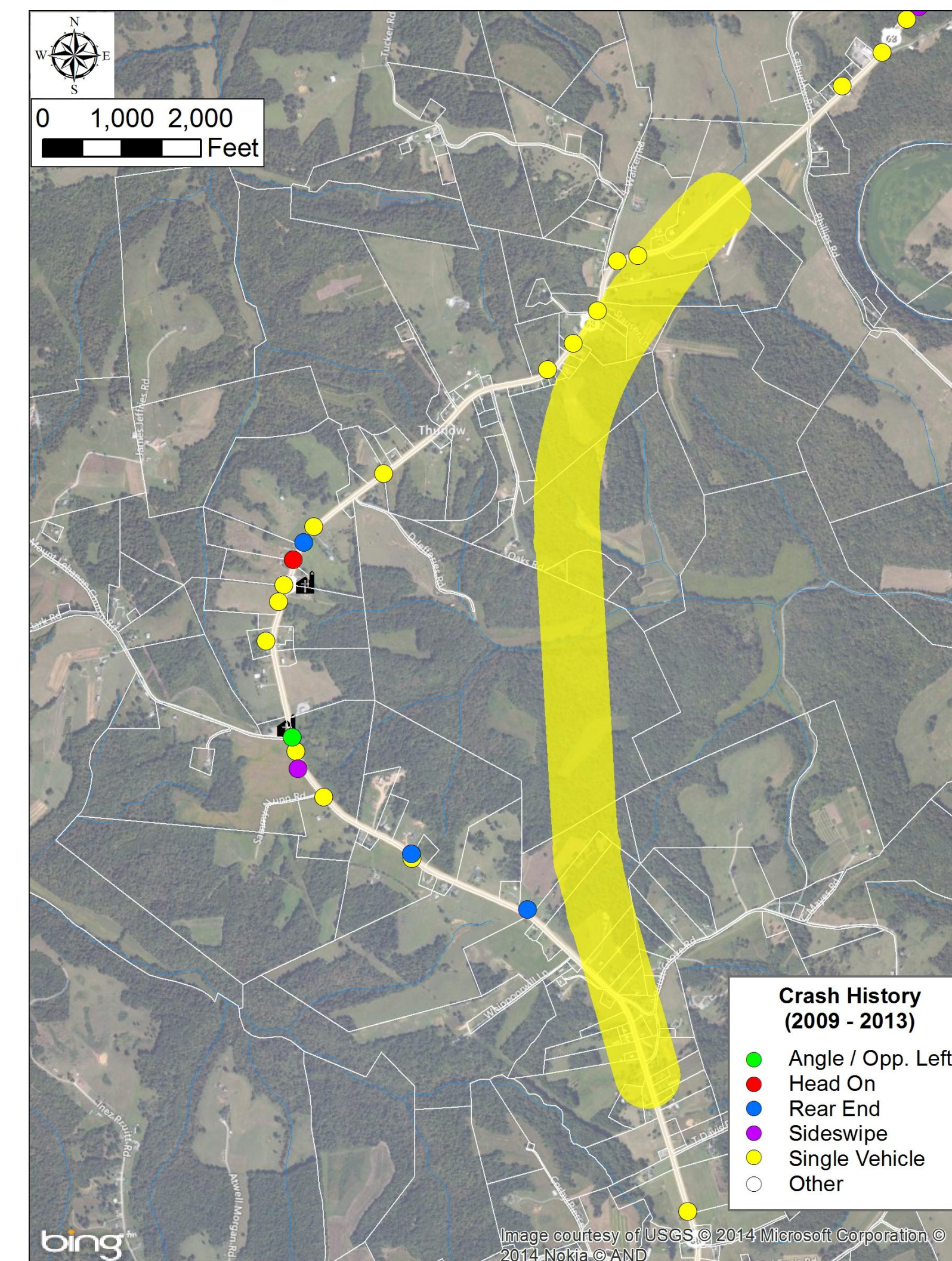


### Spot #13

#### Realignment between KY 218 and Russell Creek Hill

This concept involves realigning US 68 to the east north of KY 218. This is an alternative to building spots #8 through #10.

- Length: 2.5 miles
- 19 crashes in last 5 years
- Estimated Costs:
  - Right-of-Way: \$1.85 Million
  - Utilities: \$1.58 Million
  - Construction: \$16.4 Million
  - Total: \$19.83 Million

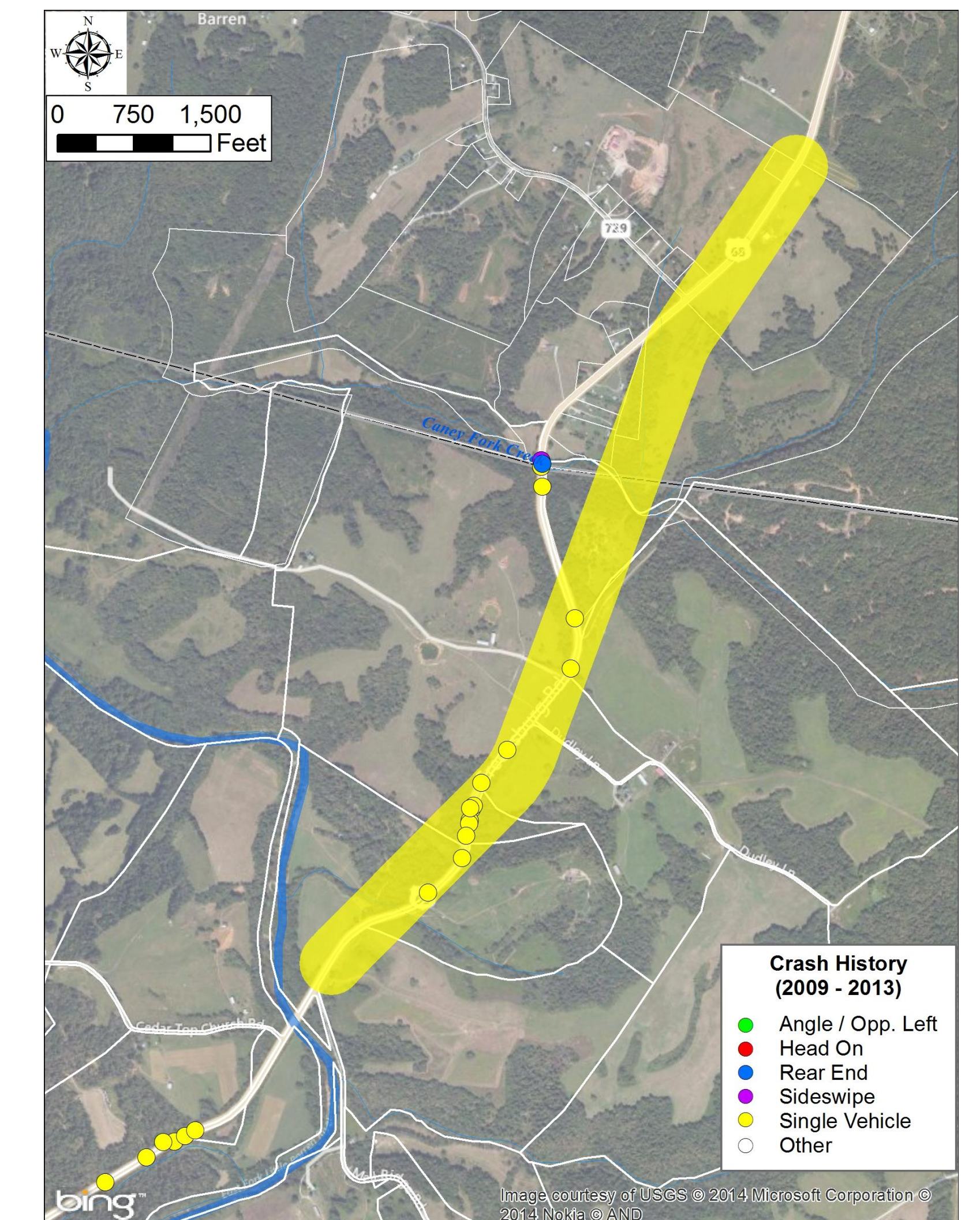


Rate this concept here:

### Spot #5 & #6 Combined

This combines the proposed improvements from spot #5 and spot #6 into a single project.

- Length: 1.8 miles
- 17 crashes in last 5 years
- Estimated Costs:
  - Right-of-Way: \$975,000
  - Utilities: \$900,000
  - Construction: \$14.4 Million
  - Total: \$16.28 Million



Rate this concept here:

### US 68 Corridor - Conceptual Spot Improvement Summary

Spot #	#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12	#12A	#13
Location	Curves North of Foundation Church	Curves North of Toby Hill Rd. (KY 543)	Curves near Denzil Park Rd. and Fishback Ln.	KY 70 Intersection	KY 70 to South of the Green Co. Line	Bridge over Caney Fork	Curve at Pruitt Rd.	Curves North of Whippoorwill Lane	Curves North of Mt. Lebanon Church	Area South of Russell Creek Hill	Russell Creek Hill	Vaughn Curve	Vaughn Curve Widening	Realignment between KY 218 and Russell Creek Hill
Total Length (miles)	0.7	0.4	0.7	0.5	0.9	0.9	0.4	0.3	0.6	0.8	0.5	0.5	0.5	2.5
Right-of-Way	\$450,000	\$300,000	\$450,000	\$375,000	\$475,000	\$550,000	\$350,000	\$100,000	\$550,000	\$800,000	\$365,000	\$335,000	\$333,000	\$1,850,000
Utilities	\$425,000	\$250,000	\$420,000	\$300,000	\$450,000	\$450,000	\$255,000	\$155,000	\$385,000	\$515,000	\$340,000	\$365,000	\$365,000	\$1,580,000
Construction	\$3,700,000	\$2,300,000	\$3,100,000	\$2,600,000	\$6,200,000	\$8,700,000	\$2,100,000	\$950,000	\$2,200,000	\$4,100,000	\$1,700,000	\$2,800,000	\$1,700,000	\$16,400,000
TOTAL	\$4,575,000	\$2,850,000	\$3,970,000	\$3,275,000	\$7,125,000	\$9,700,000	\$2,705,000	\$1,205,000	\$3,135,000	\$5,415,000	\$2,405,000	\$3,500,000	\$2,398,000	\$19,830,000